Electronic Version
Stylesheet Version v1.1.1

Teaching Circumference Instrument

Abstract

A device that teaches the relationship between a circle, its diameter and its radius. The device includes a circular ring that has a rigid intersecting bar representing its diameter. The intersecting bar has marked off units dividing the bar into segments. The ring also has marked off units around the 360 degrees of the circle. Attachment pins (or any mechanism used for attachment) are located on the outer perimeter of the circle located at diameter lengths of the circle at 0, 114.6, 229.2 and 343.8 degrees. Or attachment pins on the outer perimeter of the circle located at radius length of the circle at 0, 57.3, 114.6, 171.9, 229.2, 286.5, and 343.8 degrees. Flexible bars the same size as the diameter or the radius are available to attach to the outer perimeter by way of the attachment pins. Additional flexible bars are available at .14 diameters and .28 radiuses in length. When the flexible diameter bars are attached to the circle, three diameters bars and one .14 diameter bar are affixed to the circle representing 3.14 diameters. When the flexible radius bars are attached to the circle, six radius bars and one .28 radius bar are affixed to the circle representing

6.28 radius.